

Floods Caused by Tropical Systems: Rockaway River at Boonton below Reservoir

Latitude: 40.867

Period of Record: 1903-Present

Longitude: -74.395

Flood Stage: 5 ft

Last Flood: 2/25/2016

Number of Floods: 84

Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
8/28/2011	9.73	7,390	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
9/9/2011	7.23	3,250	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
8/29/1971	6.78	2,700	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
9/22/1938	6.06	1,860	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
8/21/1955	6.03	1,870	Hurricane Diane made landfall 5 days after Hurricane Connie. Hurricane Diane produced several inches of rain with locally heavier amounts of 10 to 20 inches.
9/29/2004	5.87	2,000	Hurricane Jeanne stalled a cold front and supplied the front with much-needed moisture. As a result, 1-day rainfall totals ranged from 1 - 6 inches throughout the Mid-Atlantic region.
9/13/1960	5.82	1,730	Hurricane Donna made its second landfall near Wilmington, NC as a Category 3 hurricane. It produced 6 to 8 inches of rain in Eastern Virginia and caused 3 fatalities.
9/25/1975	5.63	1,620	The remnants of Hurricane Eloise combined with a cold front and produced very heavy rainfall in the Mid-Atlantic. Washington, D.C. reported 9.08" of rainfall. Total damage for Virginia was estimated to be \$17.2 million.

Drainage Area: 119 sq mi

Tropical information before 1940 is limited.

County of Gage: Morris

Gage Datum: 195.68 ft MSL

Passaic Basin

County of Forecast Point: Morris

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Date of Crest	Crest (ft)	Streamflow (cfs)	Remarks
6/8/2013	5.44	1,660	A nearly stationary front interacted with the remnants of Tropical Storm Andrea and resulted heavy rainfall along the I-95 corridor.

Drainage Area: 119 sq mi
Gage Datum: 195.68 ft MSL

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Tropical information before 1940 is limited.
Passaic Basin

County of Gage: Morris
County of Forecast Point: Morris